

# Transmission Equipment for Network and Network Transmission System

## ABSTRACT OF THE DISCLOSURE

According to the invention, in a transmission apparatus, there are provided

- 5      an equipment supervision unit detecting an obstacle in the equipment and a switching control unit controlling the switching operation of transmission lines. When the equipment supervision unit detects condition in which obstacles have occurred in more than one groups of the cross connect unit or the clock unit in which paths provided are disconnected, the same K-bytes as in the case when SF failure is detected are outputted to
- 10     all the fibers to be inputted to the equipment. Alternatively, an FS-R command is executed to both sides, or Line-AIS is inserted in all the outputted transmission lines, or an output is disconnected, so that the equipment is isolated and the paths provided through a node is relieved.

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